

"APPROVED FOR RELEASE: Wednesday, June 21, 2000

CIA-RDP86-00513R001134

MIROSHNIKOV, L.D.

Chondrites (Fucoids). Vest. LGU no. 24:48-56 '62.  
(Paleontology)

(MIRA 16:2)

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MIROSHNIKOV, L.D. (Leningrad)

Relics of the last glaciation in the Taymyr Peninsula. Priroda  
51 no.5:101-102 My '62. (MIRA 15:5)  
(Taymyr Peninsula—Glaciers)

MIROSHNIKOV, L. D.

Characteristics of the distribution of phosphorites in the  
Paleozoic of the Siberian Platform. Zap. Vses. min. ob-va  
91 no. 3:291-298 '62. (MIRA 15:10)

(Siberian Platform—Phosphorite)

MIROSHNIKOV, L.D.

Structure of the Yenisey Valley part of the northern Siberian  
Platform in connection with oil possibilities. Trudy VNIGRI  
no.190:437-453 '62. (MIRA 16:1)  
(Yenisey Valley—Petroleum geology)

MIROSHNIKOV, L.D.

Homology of Korvunchan and Ilemorovo series and the convergence  
of sedimentary formations. Trudy VNIGRI no.190:244-251 '62.  
(MIRA 16:1)  
(Lower Tunguska Valley—Rocks, Sedimentary)

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MIROSHNIKOV, L.D.

Littoral cross bedding in crystalline hornfels. Izv. AN SSSR.  
Ser.geol. 28 no.6:107-109 Je '63. (MIRA 16:8)  
(Chelyuskin Cape—Hornfels)

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MIROSHNIKOV, L.D. (Leningrad)

Mineral acids in Arctic regions. Priroda 52 no. 3:76-77 '63.  
(Arctic regions—Salts) (MIRA 16:4)

MIROSHNIKOV, L.D.

Some characteristics of tectonic troughs in the north of Central Siberia  
in connection with their oil and gas potentials. Izv. AN SSSR. Ser. geol.  
29 no.12:94-100 D '64.

(MIRA 08-1)

1. Vsesoyuznyy neftyanoy nauchno-issledovatel'skiy geologicheskiy  
institut, Leningrad.

DIBNER, V.D.; MIROCHNIKOV, I.D.

Cretaceous sediments in the northern part of the Thayatal Peninsula.  
Geol. i geofiz. no. 2: 11-47. 1966.

1. Nauchno-issledovatel'skiy institut geologii Arktiki, Leningrad.  
(MIRA DRA)

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[redacted] - [redacted]

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MIROSHNIKOV, L.D.

Pre-Hercynian volcanism in the northern part of the Siberian Platform. Sov. geol. 8 no.8:139-145 Ag '65.

1. Vsesoyuznyy neftyanoy nauchno-issledovatel'skiy geologo-  
razvedochnyy institut. (MIRA 18:10)

MIROSHNIKOV, Leonid Vladimirovich, kand. tekhn. nauk; KRAMARENKO,  
G.V., prof., doktor tekhn. nauk, red.; YAKOVLEV, G.N., red.

[Technical operation of automobiles; practical laboratory  
work] Tekhnicheskaya ekspluatatsiya avtomobilei; labora-  
tornyi praktikum. Moskva, Transport, 1965. 192 p.  
(MIRA 18:7)

MIROSHNIKOV, M. A.

Subject : USSR/Aeronautics  
Card 1/1 Pub. 135 - 9/24 AID P - 1055  
Author : Miroshnikov, M., Lt. Col.  
Title : Night bombing  
Periodical : Vest. vozd. flota, 1, 47-50, Ja 1955  
Abstract : The author discusses special features and difficulties of night bombing, indicates methods of training, and describes this training step by step. He gives examples of training in units and mentions some names. Diagrams, table.  
Institution : None  
Submitted : No date

Subject : USSR/Aeronautics - target illumination AID P - 4618  
Card 1/1 Pub. 135 - 7/23  
Author : Miroshnikov, M. A., Lt. Col., Navig. Class I  
Title : Illumination of target for bombing  
Periodical : Vest. vozd. flota, 4, 34-39, Ap 1956  
Abstract : The author describes a method of navigating the aircraft to the point at which to release the parachute flare for the illumination of target. Four sketches and 1 table.  
Institution : None  
Submitted : No date

L-25703-66 ENT(d)/ENT(l)/EWA(h) EC  
ACC NR. AP6002820 SOURCE CODE: UR/0237/60/000/012/0010/0014

AUTHOR: Deryugin, V. N.; Miroshnikov, M. M.

60  
39  
B

ORG: none

TITLE: A light detecting range finder with an electron-optical converter ✓

SOURCE: Optiko-mekhanicheskaya promyshlennost', no. 12, 1960, 10-14

TOPIC TAGS: image converter, optic range finder, incidence light, electron optics, light reflection, phase modulation

ABSTRACT: The principle of operation and basic characteristics of a new type phase light detecting range finder, in which the registration of light reflected by the terminal reflector and the measurement of the variation of phase modulation is conducted by means of an electron-optical image converter, is described in this paper. The first such instrument was constructed by A. A. Lebedev and associates of his laboratory in 1949 (Trudy GOI, 25, 1957, no. 150, Oborongiz). The authors continued this project in 1958, and succeeded in developing a compact range finder equipped with an electron-optical converter, with an accuracy of +30 cm during measurements at a distance of 3 km. A block diagram of the range finder is given in fig. 1. The light from the source (1) is modulated at a high frequency by the modulator (2) and illuminates an angular mirror (4), which is located at some distance. The light reflected by the mirror is focused at the photocathode of the electron-optical converter (5) in the form of a luminous dot. The high frequency voltage from the generator (8) excited

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L 25702-66

ACC NR: AP6002820

the light modulator through the amplifier (3) and proceeds to the deflecting plates of the electron-optical converter through the amplifiers (6) and (7). The instrument is equipped with a neutral prism (9). The measured distance is determined according to the formula

$$D = \frac{v}{2f} \left( \frac{N}{K} + \frac{\psi^0}{360} \right) \quad (1)$$

where  $v$  is the speed of light;  $f$  is the frequency of evolution;  $N$  is the whole number of semiwaves of modulated light;  $K$  is the whole number equalling the ratio of the light modulation frequency to the evolution frequency;  $\psi^0$  is the difference between the phase modulation of the incident and reflected lights. The authors conclude that based on tests the mean quadratic error of a number of phase readings per one distance did not exceed  $\pm 3$ , which corresponds to  $\pm 25$  cm at a distance up to 2.5 km. Orig. art. has: 6 figures and 8 formulas.

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L 25703-66

ACC NR: AP6002820

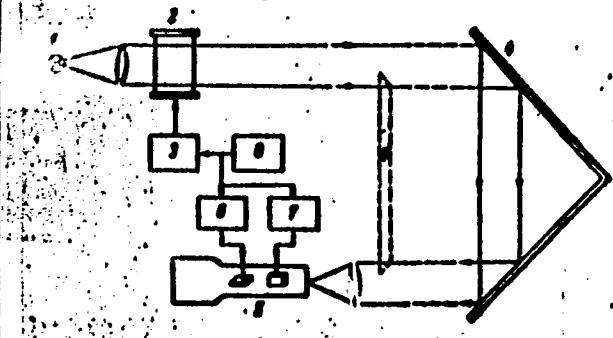


Fig. 1. Block diagram of range finder:  
1-light source; 2-diffraction modulator;  
3-power amplifier; 4-angular reflector;  
5-electron-optical converter; 6-7-evolve-  
ment intensity amplifiers; 8-sync voltage  
generator.

SUB CODE: 17/ SUBM DATE: 14Sep60/ ORIG REF: 004/ OTH REF: 000

Card 3/3

L 40905-66 EWT(1)/EWT(m)/FCC/EIP(t)/PTI IJP(c) GM/JD  
ACC NR: AP6011373

SOURCE CODE: UR/0362/66/002/003/0308/0311

AUTHOR: Bazhenov, V. A.; Ivanova, R. N.; Miroshnikov, M. M.

ORG: none

TITLE: Determination of the mass of  $H_2O$ ,  $CO_2$ , and  $O_3$  in various layers of the atmosphere

SOURCE: AN SSSR. Izvestiya. Fizika atmosfery i okeana, v. 2, no. 3, 1966, 308-311

TOPIC TAGS: atmospheric moisture, atmospheric ozone, carbon dioxide, atmospheric optics

ABSTRACT: A method is described for calculating the mass of absorbing gases ( $H_2O$ ,  $CO_2$ , and  $O_3$ ) along inclined paths which connect any two points in the atmosphere. The curvature of the earth and refraction are taken into account. The vertical distribution of the concentration of gases is assumed given. The magnitude of refraction is determined by the height variation of the index of refraction of air. A nomogram is plotted on the basis of information on the refraction curvature of an optical ray in the atmosphere. The nomogram is used to determine the height of the observer, the height of the radiation source, the zenith angle of observation, the zenith angle of radiation, and the distance between the observer and the radiation source. If any three of these geometric quantities are known, the remaining ones can be determined by using the nomogram. A formula is given for determining the mass of the absorbing gas. After

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UDC: 551.510.03:551.593.1

L 40905-66  
ACC NR: AP6011373

determining the mass of the absorbing gas on the path of the ray in a given stratum of the atmosphere, the absorption radiation by the stratum is determined. The author thanks B. S. Neporent, Ye. O. Fedorova, and M. S. Kiseleva for their important comments while performing this study. Orig. art. has: 2 tables, 4 figures, and 3 formulas.

SUB CODE: 04 / SUBM DATE: 13Oct65 / ORIG REF: 002 / OTH REF: 006

Card 2/2 171LP

MIROSHNIKOV, M.V.

Waters in gas fields of the Stavropol Plateau. Geol. nefti 2  
no.11:40-45 N '58. (MIRA 11:12)

1. Stavropol'skiy filial Groznyanskogo nauchno-issledovatel'skogo  
neftyanogo instituta.  
(Stavropol Plateau)

MIROSHNIKOV, M.V.

~~Geothermal characteristics of the cross section of Mesogenozoic sediments in the Stavropol Upland. Izv. vys. ucheb. zav.; neft' i gaz no. 5:21-27 '58.~~ (MIRA 11:8)

1. Grozneftyanoy institut.  
(Stavropol Upland--Earth temperature)

MIROSHNIKOV, M.V.

Additional water sources of Paleocene and Mesozoic sediments in the  
Stavropol Plateau in the Nadzornyy area. Geol. nefti Supplement  
to no.8:101-110 '58. (MIRA 11:10)

1.Groznenskiy neftyanoy institut.  
(Stavropol Plateau--Water, Underground)

MIROSHNIKOV, M.V.

Some features of the distribution of minor elements in the water  
of the Khadum horizon of the Stavropol upraise. Trudy GNI no.21:  
103-110 '59. (MIRA 14:5)  
(Stavropol Territory—Water, Underground) (Trace elements)

VASIL'YEV, V.G.; MERZLENKO, Yu.F.; MATSKEVICH, M.M.; ZHIVAGO, N.V.; LI CHZHAO-ZHEN' [Li Chao-Jen]; GOIYAKOV, V.A.; SHABATIN, I.V.; BORISENKO, Ye.M.; MIROSHNIKOV, M.V.; USPENSKAYA, N.Yu.; KHEL'KVIST, V.G.; GRATSIANOVA, C.P.; BULNICOV, N.B.; BELOV, K.A.; MAKSIMOV, S.P.

Discussion. Trudy VNIGNI no.32:282-336 '60. (MIRA 14:7)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut prirodnogo gaza (for Vasil'yev, Zhivago, Khel'kvist).
2. Neftepromyslovoe upravleniye Stavropol'noft' (for Merzlenko).
3. Groznenskiy nauchno-issledovatel'skiy neftyanoy institut (for Matskevich).
4. Moskovskiy institut neftekhimicheskoy i gazovoy promstvennosti im. I.M. Gubkina (for Li Chzhao-zhen', Uspenskaya).
5. Stavropol'skiy filial Groznenskogo nauchno-issledovatel'skogo neftyanogo instituta (for Golyakov, Shabatin, Borisenko, Miroshnikov).
6. Ministerstvo geologii i okhrany nedor SSSR (for Gratsianova, Budnikov).
7. Glavnyy geolog neftyanogo i gazovogo upravleniya Stavropol'skogo sovmarkhoza (for Belov).

(Caucasus, Northern--Petroleum geology)

(Caucasus, Northern--Gas, Natural--Geology)

MIROSHNIKOV, M. V.

Cand Geol-Min Sci - (diss) "Underground waters and geo-thermal features of meso-Cenozoic deposits of Stavropol'." Ivatigorsk, 1961. 19 pp; (Ministry of Higher and Secondary Specialist Education RSFSR, Moscow Order of Labor Red Banner Inst of Petroleum Industry and Gas Industry imeni I. M. Gubkin, Chair of Petroleum Industry Geology and Hydro-geology of the Grozniy Order of Labor Red Banner Petroleum Inst); 240 copies; price not given; (KL, 5-61 sub, 180)

MIROSHNIKOV, M.V.

Method of calculating absolute marks of static levels of highly  
mineralized thermal waters. Izv. vys. ucheb. zav.; neft' i  
gaz 4 no.8:15-19 '61. (MIRA 14:12)

1. Groznenskiy neftyanoy institut.  
(Oil field brines)

SUKHAREV, Grigoriy Mikhaylovich; MIROSHNIKOV, Mikhail Vasil'yevich  
Prinimal uchastiye TARANUKHA, Yu.K.; BEKMAN, Yu.K.,  
vedushchiy red.; STAROSTINA, L.D., tekhn. red.

[Underground waters of the oil and gas fields in the Caucasus]  
Podzemnye vody neftianykh i gazovykh mestorozhdenii Kavkaza.  
Moskva, Gostoptekhizdat, 1963. 327 p. (MIRA 16:6)  
(Caucasus--Petroleum geology)  
(Caucasus--Gas, Natural--Geology)  
(Caucasus--Water, Underground)

MIROSHNIKOV, N.

We are constantly improving mining techniques. Mast. ugl. 4  
no.3:17 Mr '55. (MLRA 9:6)

1. Mashinist vrubovoy mashiny shakhty no. 19-20 kom'binata  
Rostovugol'.  
(Donets Basin--Coal mines and mining)

MIROSHNIKOV, N.V.

Cathodes of the glow discharge stabililitrons activated by rare earths.  
Trudy MFI no.29:247-262 '57. (MIRA 13:3)  
(Rare earths)  
(Electron tubes)

MIROSHNIKOV, P  
MIROSHNIKOV, P.

More attention to service for depositors. Fin.SSSR 18 no.6:62-64  
Je '57. (MIRA 10:12)

1. Nachal'nik Upravleniya gostrudeberkass i goskredita Krasnodarskogo  
kraya.  
(Krasnodar Territory--Savings banks)

MIROSHNIKOV, P.I.

More grain and other plant crop products. Zemledelie 25  
no.11:21-28 N '63. (MIRA 17:2)

1. Glavnnyy agronom kolkhoza imeni Zhdanova, Ust'-Labiskogo  
proizvodstvennogo upravleniya, Krasnodarskogo kraya.

MIROSHNIKOV, P. P., Engr

USSR/Engineering - Construction, Materials 15 Mar 92

"Cementless Concrete and Reinforced Concrete Products With Burnt Rocks and Lime as a Binder," P. P. Miroshnikov, Engr, Giproorgpromzhilstroy

"Byul Stroitel Tekh" No 5, pp 20-22

Discusses use of burnt rocks and lime for binders similar to alumina cement. Such binders, possessing high activity and good stability, may be produced after hydrothermal treatment in autoclaves. Concretes made with these binders are adaptable for fabricating structural details. Also discusses elimination of increased vol deformation, caused by highly active lime.

213T56

*16*  
✓ Determination of the modulus of elasticity of concrete by resonance frequency. V. V. Moshnikov, L. P. Khodchenko, and N. I. Ryabukha. Bylos i Znachchenie 1056, No. 12 447-4. Instead of the tedious static method of determining the modulus of elasticity, a dynamic method of resonance frequency in bending is proposed; and a device for its measuring is described. To the center of the beam sample electrically generated load pulsations of varying acoustic frequency are applied, and the beam deflections recorded. Max. amplitude corresponds to resonance frequency of the sample. From the frequency and the dimensions of the sample the modulus of elasticity is deduced. E. R.

*4/4/81*  
*SAC* //

PLEKHOV, D. N.; MIROSHNIKOV, P. P., inzh.; KURCHERENKO, K. P., kand.tekhn.  
nauk

Mechanized units for molding three-dimensional elements of apart-  
ment houses. Stroil. i dor. mashinotr. 5 no.6:31-34 Je '60.  
(Precast concrete construction) (MIR 13:7)

PLEKHOV, N.D.; MIROSHNIKOV, P.P.

Over-all mechanization and automation of the manufacture of  
concrete products in the Ukrainian S.S.R. Bet. i zhel.-bet.  
no.10:446-449 O '61. (MIRA 14:12)

1. Chlen-korrespondent Akademii stroitel'stva i arkhitektury  
USSR (for Plekhov). 2. Rukovoditel' laboratorii Nauchno-issledova-  
tel'skogo instituta stroitel'nykh konstruktsiy Akademii stroitel'-  
stva i arkhitektury USSR (for Miroshnikov).  
(Ukraine—Precast concrete)

PLEKHOV, N.D.; LUPAN, A.M.; ABRAMOV, L.S.; BOGDANOVSKIY, V.S.;  
REZNICHENKO, V.I.; GREKOVA, Z.I.; GOLUB, P.I.;  
ENDRZHEYEVSKIY, Ye.V.; BELOSHKURSKIY, P.I.; PODDUB'YA,  
N.A.; MIROSHNIKOV, P.P.; KORNEYEVA, L.P.; ZLOTNIKOV,  
G.Z.; PAVLIS, G.F.; SKACHKOV, I.A.; SEDELEVA, Ye.P.;  
POLTORATSKAYA, E.A., red.; LEUSHCHENKO, N.L., tekhn.red.

[Three-dimensional apartment house construction] Ob"emnoe  
domostroenie. Kiev, Gosstroizdat USSR, 1963. 165 p.  
(MIRA 17:2)

1. Nauchno-issledovatel'skiy institut stroitel'nykh kon-  
struktsiy.

L 29899-66 EWP(c)/EWP(k)/EWT(d)/EWP(h)/EWP(l) WW  
ACC NR: AR5024110 SOURCE CODE: UR/0284/65/000/003/0002/0002

AUTHOR: Miroshnikov, P. S.

TITLE: Increasing the efficiency of machinbuilding automation

SOURCE: Ref. zh. Voprosy tekhnicheskogo progressa i organizatsii proizvodstva v mashinostroyenii, Abs. 8.35.12

REF SOURCE: Metody i praktika opredeleniya effektivnosti kapital'nykh vlozheniy i novoy tekhn. Sb. nauchn. inform., vyp. 5-6, 1964, 36-65

TOPIC TAGS: automatic control system, mechanical engineering personnel, automatic control design

ABSTRACT: Experience gained through industrial automation in a series of enterprises in Khar'kov has shown that the actual period necessary for justifying the original expense of automation is much longer than estimated. This is explained by shortcomings in the design of equipment, the low quality of the manufactured products, the unsatisfactory organization of production, servicing and maintenance sections of the factory, and insufficient personnel training. The actual productivity of the inspected automated enterprises producing mechanical parts is only 50 to 70% of the planned production. In order to increase

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UDC 621.62.001.6

L 29899-66  
ACC NR: AR5024110

the economic efficiency of automatic production it is necessary to establish a commission of specialists from sovnarkhozes, factories, and designing and scientific organizations responsible for the approval of new automatic production lines and to decrease the costs and the designing periods. To simplify setting up, it is necessary to use lathes with more unified assemblies and parts, and to obligate the factories to test the automation equipment for its precision, reliability and productivity before delivery. In order to improve the efficiency of the personnel servicing and maintaining the automatic equipment, it is necessary to create a position calling for an engineer-adjuster of the automatic equipment to organize All-Union courses in technicums and other machinebuilding centers of the country for the purpose of increasing the qualifications of engineer-adjusters of automatic equipment, to establish permanent courses for improving the qualifications of on-duty adjusters of automatic equipment, and to work out the question of wages for the personnel servicing automatic equipment. A. Gurevich

SIR CODE: 13, 14/ SIR DATE: Aug65

Card 2/2

~~MIROSHNIKOV, Petr Semenovich, kand. ekon. nauk; MAL'TSEV, G.F., inzh.,~~  
~~spets. red.; DIALYUK, I.P., red.; LIMANOV, M.I., tekhn.~~  
~~red.~~

[Utilization of internal production potentials; based on the  
practice of the Kharkov Electric Equipment Plant] Ispol'zo-  
vaniye vnutriproizvodstvennykh rezervov; na opyte Khar'kovskogo  
elektromekhanicheskogo zavoda. Khar'kov, Khar'kovskoe knizh-  
noe izd-vo, 1963. 84 p.  
(MIRA 16:9)  
(Kharkov--Electric equipment industry--Technological innovations)

MIROSHNIKOV, Petr Semenovich, SEREBENIK, M.N., doktor ekon. nauk,  
itv. red.

[Economic problems of the automation of production] Ekono-  
micheskie problemy automatizatsii proizvodstva. Kiev,  
(MIRA 18:8)  
Naukova dumka, 1985. 176 p.

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